

ABSTRACT OF THE DISCLOSURE

An salisbury axle assembly that includes a differential gearset in a carrier housing. A housing cover is coupled to the carrier housing and is operable for sealingly closing a window on the carrier housing through which there is access to the differential gearset. The housing cover includes a cover member and a seal ring. The cover member includes a mating face and a plurality of raised connection points that are disposed between the carrier housing and the mating face. The seal ring is coupled to the mating face and encircles each of the raised connection points. The seal ring further includes at least first and second ring members that are disposed between each of the raised connection points. The pre-attach seal ring sealingly engages the carrier housing and the mating face to a proper compression distance.